

Docket Number: <u>0942.2850004/RWE/BJD</u>

As a below named inventor, I he	reby declare that:		
My residence, post office address	s and citizenship are as stated belo	w next to my name.	
listed below a	f the subject matter that is claimed g Nucleic Acids Having Recombin	e is listed below) or an original, first and for which a patent is sought on ation Sites, the specifica	THO THI AMELOW A.T. C. L.
was filed on(Herewith as United States Applied was amended on	th) ; cation Number or PCT Internation (if applicable)	al Application Number;	and
I hereby state that I have review amended by any amendment ref	red and understand the contents of ferred to above.	the above identified specification, in	cluding the claims, as
I acknowledge the duty to discle	ose information that is material to	patentability as defined in 37 C.F.R.	§ 1.56.
inventor's certificate, or § 365(a	a) of any PCT international application of any PCT international applications are fortified below any forti	(d) or § 365(b) of any foreign application, which designated at least one design application for patent or inventoplication on which priority is claime	or's certificate, or PCT
Prior Foreign Application(s)			Priority Claimed
1 1101 I drosg/1 1 apparation (-)			□ Yes ⊔ No
(Application No.)	(Country)	(Day/Month/Year Filed)	
		(Day/Month/Year Filed)	□ Yes □ No
(Application No.)	(Country)		
I hereby claim the benefit undo	er 35 U.S.C. § 119(e) of any United	d States provisional application(s) lis	ated below.
60/065,930	Chilober 24, 1997		·
(Application No.)	(Filing Date)		
(Application No.)	(Filing Date)		
international application design of this application is not discharged to the control of the con	gnating the United States, listed be osed in the prior United States or F 112, I acknowledge the duty to di- ne available between the filing dat	States application(s), or under § 365(low and, insofar as the subject matte PCT international application in the seclose information that is material to e of the prior application and the nat	manner provided by the patentability as defined
(Application No.)	(Filing Date)	(Status - patented, p	ending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, p	cuding, abandoned)

Appl. No. (To be assigned) Ducket No. 0942.2850004/RWE/BJD

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 New York Avenue, N.W. Suite 600 Washington, D.C. 20005-3934

Direct Telephone Calls to:

(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Residence Prederick, Maryland USA Citizenship USA Post Office Address 7409 Hilliside Drive Prederick, Maryland 21702 USA Full name of second inventor Michael A BRANCH Residence Geocond inventor Michael A BRANCH Residence Geocond inventor Geocond inventor Geocond inventor Geocond inventor USA Full name of hird inventor Cary F. TEMPLE Signature of third inventor Cary F. TEMPLE Signature of third inventor Washington Grove, Maryland USA Citizenship USA Full name of third inventor Cary F. TEMPLE Signature of Maryland INSA Citizenship USA Later State	ercon.		
Residence Frederick, Maryland USA Citizenship USA Post Office Address 7409 Hillside Drive Frederick, Maryland 21702 USA Full name of second inventor Michael A. BRASCH Signature of second inventor Michael A. BRASCH Residence Gathersburg, Maryland USA Citizenship USA Full name of third inventor Gary F. TEMPLE Signature of third inventor Washington Grove, Maryland USA Citizenship USA Citizenship USA Citizenship USA Citizenship USA	Full name of sole or first inventor	James L. HARTLEY	
Post Office Address 7409 Hillside Drive Frederick, Maryland 21702 USA Pull name of second inventor Michael A BRASCH Signature of second inventor Residence Gidthersburg, Maryland USA Citizenship Dist Citizenship Gary F, TEMPLE Signature of third inventor Washington Grove, Maryland USA Citizenship USA LA Little inventor Washington Grove, Maryland USA Citizenship USA LA Little inventor Washington Grove, Maryland USA	Signature of sole or first inventor	A 7 A/A	10/2-1/98 Date
Post Office Address 7409 Hillside Drive Prederick, Maryland 21702 USA Full name of second inventor Michael A BRASCH Signature of second inventor Residence Golthersburg, Maryland USA Citizenship Full name of third inventor Clary F. TEMPLE Signature of third inventor Residence Washington Grove, Maryland USA Citizenship USA	Residence	Frederick, Maryland USA	
Frolerick, Maryland 21702 USA Full name of accord inventor Michael A BRASCII Signature of accord inventor Residence Cidizenship DSA Post Office Address 20931 Sunnyacres Road Guithersburg, Maryland 20882 USA Full name of third inventor Chry F. TEMPLE Signature of third inventor Residence Washington Grave, Maryland USA Citizenship USA	Citizenship	USA	
Signature of accord inventor Residence Ciditensburg, Maryland USA. Citizenship Post Office Address 20931 Sunnyacres Road Gnithersburg, Maryland 20882 USA Full name of third inventor Gnry F. TEMPLE Signature of third inventor Residence Washington Grove, Maryland USA Citizenship USA	Post Office Address	7409 Hillside Drive Frederick, Maryland 21702 USA	
Residence Ciathersburg, Maryland USA Citizenship USA Post Office Address 20931 Sunnyaeres Road Guithersburg, Maryland 20882 USA Full name of third inventor Carty F. TEMPLE Signature of third inventor Washington Grove, Maryland USA Citizenship USA	Full name of second inventor	Michael A BRASCII	
Citizenship OSA Post Office Address 20931 Surmyacres Road Guithersburg, Maryland 20882 USA Full name of third inventor Gnry F. TEMPLE Signature of third inventor Rosidense Washington Grove, Maryland USA Citizenship USA	Signature of second inventor	Wishon't Broser	10/21/98 Date
Post Office Address 20931 Sunnyacres Road Gnithersburg, Maryland 20882 USA Foll name of third inventor Signature of third inventor Residence Washington Grave, Maryland USA Citizonship USA	Residence	Gathersburg, Maryland USA	
Guithersburg, Maryland 20882 USA Full name of third inventor Gury F. TEMPLE Signature of third inventor Rosidence Washington Grove, Maryland USA Citizonship USA	Citizenship	bsA	
Residence Washington Grave, Maryland USA Citizenship USA	Post Office Address	20931 Sunnyacres Road Guithersburg, Maryland 20882 USA	
Rosidence Washington Grove, Maryland USA Citizonship USA	Full name of third inventor		
Citizonship USA	Signature of third inventor	Jan Delle	10/22/98
LIA Didne Boad	Rosidense	Washington Grove, Maryland USA	
Post Office Address 114 Ridge Road Washington Grove, Maryland 20880 USA	Citizonship	USA	
	Post Office Address	114 Ridge Road Washington Grove, Maryland 20880 USA	

Appl. No. (To be assigned) Docket No. 0942.2850004/RWE/BJD

Full name of fourth inventor	Donna K. FOX	
Nignature of fourth inventor	Donne N. Fr	10/23/98
Rosidenco	Sykesville, Maryland USA	,
Citizenship	USA	
Post Office Address	7407 Village Road, #25 Sykosville, Maryland 21784 USA	

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(Supply similar information and signature for subsequent joint inventors, if any)



POWER OF ATTORNEY FROM ASSIGNEE

Life Technologies, Inc. , a co	orporation of <u>Delaware</u>	, having a
1 1 C1	ical Center Drive Rockville Man	vland 20850 USA, is assignee of the
i - 1-4 4:41s and interest for the Unit	ed States of America (as delined)	III 33 U.S.C. § 100), by reason of an
A seignment to the Assignee executed on	Anril 14, 1998, April 13, 1990, A	pili 20, 1990, and April 14, 1990 or
1 Decembinational	Cloning Using Nucleic Acids Ha	VIII Recombination Sites
(Attorney Docket No. 0942.2850004/RW	E/BJD), which is disclosed and c	Som F TEMPI F and Donna K FOX
same title by the inventor(s) James L. HA	et the U.S. Potent and T.	rademark Office, having Application
(said application filed on(herewith)	at the 0.3.1 atom and 1.	1440114111 022103, 2221-230 11
Number (to be assigned).		
The Assignee hereby appoints the follow divisional, continuation-in-part, or reissur Trademark Office connected therewith: Registration No. 25,688; Jorge A. Goldst David K.S. Cornwell, Registration No. 30,831; Michele 33,997; Robert E. Sokohl, Registration No. 35,239. The Assignee he any further identification that may be necessary of the solution	e application thereof, and to trails? Robert Greene Sterne, Registratein, Registration No. 29,021; Sam 31,944; Robert W. Esmond, Regist A. Cimbala, Registration No. 33,80. 36,013; Eric K. Steffe, Registrater by grants said attorneys the power states.	ion No. 28,912; Edward J. Kessler, nuel L. Fox, Registration No. 30,353; stration No. 32,893; Tracy-Gene G. 351; Michael B. Ray, Registration No. tion No. 36,688, and Michael Q. Lee, yer to insert on this Power of Attorney
Send correspondence to:		
Ctowns Vosslo	r, Goldstein & Fox P.L.L.C.	
Sterne, Kessie	rk Avenue, N.W.	
Suite 600	ik Tivolido, 1v.	
	D.C. 20005-3934	
U.S.A.		•
Direct phone calls to 202-371-2	600.	
FOR:	Life Technologies, Inc.	
	al Ofen	
SIGNATURE:	- coan symme	
BY:	Alan Hammond	
TITLE:	Intellectual Propert	y Attorney
		•



Certificate Under 37 C.F.R. § 3.73(b)

Applican	t(s): James L. HARTLEY,	Michael A. BRASCH, Gary F. TEMPLE and Donna K. FOX
Applicati	on No: (To be assigned)	Filed: (Herewith)
		ng Nucleic Acids Having Recombination Sites
Tif-Too	hnologies Inc	, a corporation
Life Tec	hnologies, Inc. (Name of Assignee)	, a <u>CORPORATION</u> (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
		patent application identified above by virtue of either:
	An Assignment from the in recorded in the Patent and copy thereof is attached.	nventor(s) of the patent application identified above. The assignment was Trademark Office at Reel 9147 , Frame 0499 , or for which a
[or]		
	A chain of title from the ir as shown below:	ventor(s) of the patent application identified above to the current assignee
	The document wa	To:
	The document wa	To:
	The document wa	To: To:
	[] Additional documents	in the chain of title are listed on a supplemental sheet.
[X] Cop	pies of assignments or other	r documents in the chain of title are attached.
The und	lersigned (whose title is suj	oplied below) is empowered to act on behalf of the assignee.
on infor knowled under S	mation and belief are belied age that willful false statem ection 1001, Title 18 of the dity of the application or an	made herein of my own knowledge are true, and that all statements made wed to be true; and further, that these statements are made with the tents, and the like so made, are punishable by fine or imprisonment, or both the United States Code, and that such willful false statements may jeopardize by patent issuing thereon.
Date:	10/22/98	-
Name:	Alan=Hammond	
Title:	Intellectual Pro	perty Attorney
Signatu	re:	ranners -

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Assignment of a Provisional Application For Patent

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: __James L. Hartley, Michael A. Brasch, Gary Temple and Donna Fox_, the undersigned hereby sell(s) and assign(s) to __Life Technologies, Inc.__ (the Assignee) their entire right, title and interest

check applicable box(es)

and throughout the world,

in the invention(s) known as <u>Recombinational Cloning Using Nucleic Acids Having Recombination Sites</u> for which a provisional application for patent in the United States of America has been filed on <u>October 24, 1997</u> (also known as United States Application No. <u>60/065,930</u>), in any and all non-provisional applications thereon, in any and all Letters Patent(s) granted on such non-provisional applications, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including the right to collect for all past, present and future damages, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the provisional application for patent and with any non-provisional continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning any non-provisional continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; and Michael Q. Lee, Esquire, Registration No. 35,239, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: <u>Y</u> 4/14/98	_ Signature of Inventor:	Jon 7	Houte	
(1	1	James L. Hartley	
Date: 413 98	_ Signature of Inventor:	Telhal/ Se	m	
			Michael A. Brasch	******
Date: \\\/\to/98	_ Signature of Inventor:	Jan 2		
,			Gary Temple	
Date: 4/14/98	Signature of Inventor;	Danne	N. Jx	
/ /	, 		Donna Fox	

DO NOT FORWARD
TO ASSIGNMENT BRANCH
NOT FOR RECORDATION